843 Response to Request for Quotation

<div align="right">Functional Group ID=**RR**</div>

Introduction:

This standard provides the format and establishes the data contents of a response to request for quotation transaction set.The response to request for quotation transaction set provides potential buyers with price, delivery schedule, and other terms from potential sellers of goods and services, in response to a request for such information.

Notes:

This implementation convention is SACONS application specific. "SACONS" includes the Army SAACONS version 2.5 and 2.6, SACONS Federal (Navy and Civilian Agencies), and Department of Interior IDEAS applications.

We have referenced SACONS specific information through out this documentation. For SACONS specific segment related notes, refer to the "Notes" field for each segment. SACONS specific data element notes are printed in italics, following the data element description.

Data Element Summary Legend - one of the following codes will appear to the left of each data element:

X = data element not used
>> = data element is mandatory
"blank" = data element is either optional or conditional

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BQR	Beginning Segment for Response to Request for Quotation	M	1		
	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	12		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
	080	FOB	F.O.B. Related Instructions	O	1		
Not Used	090	CTP	Pricing Information	O	25		
Not Used	100	SSS	Special Services	O	25		
Not Used	110	CSH	Header Sale Condition	O	1		
Not Used	120	ITA	Allowance, Charge or Service	O	10		

				Req.		Loop	Notes and
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		
	150	DTM	Date/Time Reference	O	10		
	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	190	PID	Product/Item Description	O	200		
Not Used	200	MEA	Measurements	O	40		
	210	PWK	Paperwork	O	25		
	220	PKG	Marking, Packaging, Loading	O	25		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	270	MAN	Marks and Numbers	O	10		
Not Used	280	CTB	Restrictions/ Conditions	O	5		
			LOOP ID - N9			1000	
Not Used	290	N9	Reference Number	O	1		
Not Used	300	MSG	Message Text	O	1000		
			LOOP ID - N1			200	
Must Use	310	N1	Name	M	1		
	320	N2	Additional Name Information	O	2		
Must Use	330	N3	Address Information	M	2		
Must Use	340	N4	Geographic Location	M	1		
Not Used	350	REF	Reference Numbers	O	12		
Must Use	360	PER	Administrative Communications Contact	M	3		
Not Used	370	FOB	F.O.B. Related Instructions	O	1		
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	400	TD3	Carrier Details (Equipment)	O	12		
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	420	PKG	Marking, Packaging, Loading	O	25		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
	010	PO1	Purchase Order Baseline Item Data	O	1		
Not Used	020	CUR	Currency	O	1		
	030	PO3	Additional Item Detail	O	25		
Not Used	040	CTP	Pricing Information	O	25		
Not Used	049	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
	050	PID	Product/Item Description	O	1		
	060	MEA	Measurements	O	10		

Not Used	070	PWK	Paperwork	O	25		
Not Used	080	PKG	Marking, Packaging, Loading	O	25		
	090	PO4	Item Physical Details	O	1		
	100	REF	Reference Numbers	O	12		
Not Used	110	PER	Administrative Communications Contact	O	3		
Not Used	120	SSS	Special Services	O	25		
Not Used	130	ITA	Allowance, Charge or Service	O	10		
Not Used	140	IT8	Conditions of Sale	O	1		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	160	DIS	Discount Detail	O	20		
Not Used	170	TAX	Tax Reference	O	3		
	180	FOB	F.O.B. Related Instructions	O	1		
Not Used	190	SDQ	Destination Quantity	O	50		
	200	DTM	Date/Time Reference	O	10		
Not Used	210	LDT	Lead Time	O	12		
	220	SCH	Line Item Schedule	O	104		n2
Not Used	230	FST	Forecast Schedule	O	5		
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1		
Not Used	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	260	TD3	Carrier Details (Equipment)	O	12		
Not Used	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	280	MAN	Marks and Numbers	O	10		
Not Used	290	CTB	Restrictions/ Conditions	O	5		
			LOOP ID - CST			100	
Not Used	300	CST	Cost Analysis	O	1		
Not Used	310	PID	Product/Item Description	O	1		
Not Used	320	CUR	Currency	O	1		
Not Used	330	DTM	Date/Time/Period	O	2		
			LOOP ID - SLN			1000	
Not Used	340	SLN	Subline Item Detail	O	1		
Not Used	350	PID	Product/Item Description	O	1000		
			LOOP ID - CST			100	
Not Used	360	CST	Cost Analysis	O	1		
Not Used	370	PID	Product/Item Description	O	1		
Not Used	380	CUR	Currency	O	1		
Not Used	390	DTM	Date/Time/Period	O	2		
			LOOP ID - N9			1000	
Not Used	400	N9	Reference Number	O	1		
Not Used	410	MSG	Message Text	O	1000		
			LOOP ID - N1			200	
Not Used	420	N1	Name	O	1		
Not Used	430	N2	Additional Name Information	O	2		
Not Used	440	N3	Address Information	O	2		
Not Used	450	N4	Geographic Location	O	1		

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	460	REF	Reference Numbers	O	12		
Not Used	470	PER	Administrative Communications Contact	O	3		
Not Used	480	FOB	F.O.B. Related Instructions	O	1		
Not Used	490	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	510	TD3	Carrier Details (Equipment)	O	12		
Not Used	520	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	530	PKG	Marking, Packaging, Loading	O	25		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	CTT	Transaction Totals	M	1		n3
	015	AMT	Monetary Amount	O	1		
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
3. Number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment:		$\textbf{ST}$ **Transaction Set Header**			

Segment: $\textbf{ST}$ **Transaction Set Header**

Position: 010

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the start of a transaction set and to assign a control number

Syntax Notes:

Semantic Notes:

Comments: **1**   The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
			Code uniquely identifying a Transaction Set		
			843 X12.8 Response to Request for Quotation		
Must Use	ST02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number assigned by the originator for a transaction set.		

	Segment:	**BQR** Beginning Segment for Response to Request for Quotation
	Position:	020
	Loop:	
	Level:	Heading
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the beginning of a Response to Request for Quote Transaction Set and transmit identifying numbers and dates
	Syntax Notes:	**1** If BQR05 is present, then BQR04 is required.
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**BQR01**	**353**	**Transaction Set Purpose Code**	**M**	**ID 2/2**

Code identifying purpose of transaction set

Codes 02 Add and 03 delete are not accepted by SACONS.

Adds and deletes to the 00 original should be sent as a 04 change.

04 changes MUST contain all the information sent in the 00 original , in addition to the changes.

	00	Original
	01	Cancellation
	04	Change
	07	Duplicate

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**BQR02**	**586**	**Request for Quote Reference Number**	**M**	**AN 1/45**

Number assigned by the purchaser to identify his request for quote

RFQ Number

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**BQR03**	**652**	**Request Quotation Control Date**	**M**	**DT 6/6**

Date to be used for reference purposes in an RFQ and a response to RFQ.

Proposal Due Date

	Ref. Des.	Data Element	Name	Attributes	
	BQR04	**374**	**Date/Time Qualifier**	**C**	**ID 3/3**

Code specifying type of date or time, or both date and time

	098	Bid (Effective)

	Ref. Des.	Data Element	Name	Attributes	
	BQR05	**373**	**Date**	**O**	**DT 6/6**

Date (YYMMDD)

	Ref. Des.	Data Element	Name	Attributes	
	BQR06	**379**	**Bid Type Response Code**	**O**	**ID 2/2**

Code indicating the type of response to the request for bid or quote

	AB	Alternate Bid
	BI	Bid Without Exception

UQ   Unable to Quote

	Segment:	**NTE** Note/Special Instruction

Position: 030
Loop:
Level: Heading
Usage: Floating
Max Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:
Semantic Notes:
Comments: 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	NTE01	363	**Note Reference Code**	O	ID 3/3
			Code identifying the functional area or purpose for which the note applies		
			Messages are sent to sites as vendor comments.		
			GEN Entire Transaction Set		
Must Use	NTE02	3	**Free Form Message**	M	AN 1/60
			Free-form text		
			Messages are sent to sites as vendor comments.		

Segment:	**CUR** Currency
Position:	040
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Syntax Notes:	**1**	If CUR08 is present, then CUR07 is required.
	2	If CUR09 is present, then CUR07 is required.
	3	If CUR11 is present, then CUR10 is required.
	4	If CUR12 is present, then CUR10 is required.
	5	If CUR14 is present, then CUR13 is required.
	6	If CUR15 is present, then CUR13 is required.
	7	If CUR17 is present, then CUR16 is required.
	8	If CUR18 is present, then CUR16 is required.
	9	If CUR20 is present, then CUR19 is required.
	10	If CUR21 is present, then CUR19 is required.

Semantic Notes:

Comments: **1** Monetary values are assumed to be expressed in the currency of the country of the transaction originator unless the optional CUR segment is used to specify a different currency. The CUR segment also permits the transaction originator to indicate a specific exchange rate, foreign exchange location and date/time as the basis for a currency conversion. Example 1. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the heading area of a transaction, would indicate that all monetary values appearing in the transaction are expressed in Canadian Dollars (CAD). (In this example the exchange rate is at the discretion of the receiver). CUR*BY*CAD* N/L Example 2. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the detail area of a transaction, describes a currency conversion for that particular item from U.S. dollars to Canadian dollars. It also indicates that a specific exchange rate, at a specified foreign exchange location on a given date/time be used as the basis for the currency conversion. Notes below the diagram describe the meaning of the element values. CUR*BY*USD*1.20*SE*CAD*NY*007*840821*1400 N/L 1 2 3 4 1. Identifies the buyer's (BY) currency as U.S. dollars (USD). 2. The multiplier (1.20) is the exchange rate factor for the conversion. 3. Identifies the seller's (SE) currency as Canadian dollars (CAD). 4. Indicates the basis for the exchange rate as the New York Foreign Exchange (NY) and the effective date/time (007) as August 21, 1984 (840821) at 2:00 P.M. (1400). The value for this item is to be converted to Canadian dollars (CAD) at the exchange rate of 1.20, based on the New York Foreign Exchange (NY) at 2:00 P.M. (1400) on August 21, 1984. The actual unit price conversion for the item would be: The unit price value 7.50 (U.S. dollars) multiplied by the exchange rate (1.20) equals 9.00 Canadian dollars (7.50 X 1.20 = 9.00) CUR07 through CUR21 provide for five (5) dates/times relating to the currency conversion, i.e., effective date, expiration date, etc.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	CUR01	98	Entity Identifier Code	M	ID 2/2

Code identifying an organizational entity or a physical location.

If entered by vendor, will be sent to sites as free form vendor comments.

	BY	Buying Party (Purchaser)
	SE	Selling Party

	Ref. Des.	Data Element	Name		Attributes
Must Use	CUR02	100	Currency Code	M	ID 3/3

Code (Standard ISO) for country in whose currency the charges are specified

If entered by vendor, will be sent to sites as free form vendor comments.

		CUR03	280	Exchange Rate	O	R 4/6

Value to be used as a multiplier conversion factor to convert monetary value from one currency to another

If entered by vendor, will be sent to sites as free form vendor comments.

		CUR04	98	Entity Identifier Code	O	ID 2/2

Code identifying an organizational entity or a physical location.

If entered by vendor, will be sent to sites as free form vendor comments.

	BY	Buying Party (Purchaser)
	SE	Selling Party

		CUR05	100	Currency Code	O	ID 3/3

Code (Standard ISO) for country in whose currency the charges are specified

If entered by vendor, will be sent to sites as free form vendor comments.

		CUR06	669	Currency Market/Exchange Code	O	ID 3/3

Code identifying the market upon which the currency exchange rate is based

If entered by vendor, will be sent to sites as free form vendor comments.

Refer to 003010 Data Element Dictionary for acceptable code values.

		CUR07	374	Date/Time Qualifier	C	ID 3/3

Code specifying type of date or time, or both date and time

If entered by vendor, will be sent to sites as free form vendor comments.

	007	Effective
	036	Expiration
		Date coverage expires

		CUR08	373	Date	O	DT 6/6

Date (YYMMDD)

If entered by vendor, will be sent to sites as free form vendor comments.

		CUR09	337	Time	O	TM 4/4

Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000

through 235959)

If entered by vendor, will be sent to sites as free form vendor comments.

| Not Used | CUR10 | 374 | **Date/Time Qualifier** | C | **ID 3/3** |

Code specifying type of date or time, or both date and time

Refer to 003010 Data Element Dictionary for acceptable code values.

| Not Used | CUR11 | 373 | **Date** | O | **DT 6/6** |

Date (YYMMDD)

| Not Used | CUR12 | 337 | **Time** | O | **TM 4/4** |

Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

| Not Used | CUR13 | 374 | **Date/Time Qualifier** | C | **ID 3/3** |

Code specifying type of date or time, or both date and time

Refer to 003010 Data Element Dictionary for acceptable code values.

| Not Used | CUR14 | 373 | **Date** | O | **DT 6/6** |

Date (YYMMDD)

| Not Used | CUR15 | 337 | **Time** | O | **TM 4/4** |

Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

| Not Used | CUR16 | 374 | **Date/Time Qualifier** | C | **ID 3/3** |

Code specifying type of date or time, or both date and time

Refer to 003010 Data Element Dictionary for acceptable code values.

| Not Used | CUR17 | 373 | **Date** | O | **DT 6/6** |

Date (YYMMDD)

| Not Used | CUR18 | 337 | **Time** | O | **TM 4/4** |

Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

| Not Used | CUR19 | 374 | **Date/Time Qualifier** | C | **ID 3/3** |

Code specifying type of date or time, or both date and time

Refer to 003010 Data Element Dictionary for acceptable code values.

| Not Used | CUR20 | 373 | **Date** | O | **DT 6/6** |

Date (YYMMDD)

| Not Used | CUR21 | 337 | **Time** | O | **TM 4/4** |

Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

Segment:	**REF** Reference Numbers		
Position:	050		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	12		
Purpose:	To specify identifying numbers.		
Syntax Notes:	1 At least one of REF02 or REF03 is required.		
Semantic Notes:			
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Number Qualifier**	**M ID 2/2**

Code qualifying the Reference Number.

If entered by vendor, will be sent to sites as free form vendor comments.

65	Total Order Cycle Number
CR	Customer Reference Number
CT	Contract Number
PR	Price Quote Number

	Ref. Des.	Data Element	Name	Attributes
	REF02	127	**Reference Number**	**C AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

If entered by vendor, will be sent to sites as free form vendor comments.

	Ref. Des.	Data Element	Name	Attributes
	REF03	352	**Description**	**C AN 1/80**

A free-form description to clarify the related data elements and their content

If entered by vendor, will be sent to sites as free form vendor comments.

Segment:		**FOB** F.O.B. Related Instructions			

Position:	080
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify transportation instructions relating to shipment
Syntax Notes:	1 If FOB03 is present, then FOB02 is required.
	2 If FOB04 is present, then FOB05 is required.
	3 If FOB07 is present, then FOB06 is required.
	4 If FOB08 is present, then FOB09 is required.
Semantic Notes:	
Comments:	1 FOB01 indicates which party will pay the carrier.
	2 FOB02 is the code specifying transportation responsibility location.
	3 FOB06 is the code specifying title passage location.
	4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	FOB01	146	**Shipment Method of Payment**	M	ID 2/2
			Code identifying payment terms for transportation charges		
			Not used as specified but can be sent as free form vendor comments.		
			DF Defined by Buyer and Seller		
	FOB02	309	**Location Qualifier**	C	ID 1/2
			Code identifying type of location		
			Not used as specified but can be sent as free form vendor comments.		
			OR Origin (Shipping Point)		
			ZZ Mutually Defined		
	FOB03	352	**Description**	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
			Not used as specified but can be sent as free form vendor comments.		
Not Used	FOB04	334	**Transportation Terms Qualifier Code**	O	ID 2/2
			Code identifying the source of the transportation terms		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	FOB05	335	**Transportation Terms Code**	C	ID 3/3
			Code identifying the trade terms which apply to the shipment transportation responsibility		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	FOB06	309	**Location Qualifier**	C	ID 1/2

Code identifying type of location

Refer to 003010 Data Element Dictionary for acceptable code values.

| Not Used | FOB07 | 352 | **Description** | O | **AN 1/80** |

A free-form description to clarify the related data elements and their content

| Not Used | FOB08 | 54 | **Risk of Loss Qualifier** | O | **ID 2/2** |

Code specifying where responsibility for risk of loss passes

Refer to 003010 Data Element Dictionary for acceptable code values.

| Not Used | FOB09 | 352 | **Description** | C | **AN 1/80** |

A free-form description to clarify the related data elements and their content

Segment:	**ITD** Terms of Sale/Deferred Terms of Sale			
Position:	130			
Loop:				
Level:	Heading			
Usage:	Optional			
Max Use:	5			
Purpose:	To specify terms of sale			

Syntax Notes:
1. If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
2. If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
3. If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantic Notes:

Comments:
1. If the code in ITD01 is 04, then ITD09 is required and either ITD11 or ITD12 is required. If the code in ITD01 equals 05, then ITD06 or ITD07 is required.

Notes: *ITD 03, 05 and 07 are required by SACONS if they apply.*

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
ITD01	**336**	**Terms Type Code**	**O**	**ID 2/2**
		Code identifying type of payment terms		
		08 Basic Discount Offered		
ITD02	**333**	**Terms Basis Date Code**	**O**	**ID 1/2**
		Code identifying the beginning of the terms period		
		Refer to 003010 Data Element Dictionary for acceptable code values.		
ITD03	**338**	**Terms Discount Percent**	**O**	**R 1/6**
		Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date		
		Vendor discount. Required, if applicable.		
ITD04	**370**	**Terms Discount Due Date**	**C**	**DT 6/6**
		Date payment is due if discount is to be earned		
		Days due discount		
ITD05	**351**	**Terms Discount Days Due**	**C**	**N0 1/3**
		Number of days in the terms discount period by which payment is due if terms discount is earned		
		Days due discount. Required, if applicable.		
Not Used **ITD06**	**446**	**Terms Net Due Date**	**O**	**DT 6/6**
		Date when total invoice amount becomes due		
ITD07	**386**	**Terms Net Days**	**O**	**N0 1/3**
		Number of days until total invoice amount is due (discount not applicable)		
		Net due days. Required, if applicable.		
ITD08	**362**	**Terms Discount Amount**	**O**	**N2 1/10**
		Total amount of terms discount		

			Net due days		
Not Used	**ITD09**	**388**	**Terms Deferred Due Date**	**O**	**DT 6/6**
			Date deferred payment or percent of invoice payable is due		
Not Used	**ITD10**	**389**	**Deferred Amount Due**	**C**	**N2 1/10**
			Deferred amount due for payment		
Not Used	**ITD11**	**342**	**Percent of Invoice Payable**	**C**	**R 1/5**
			Amount of invoice payable expressed in percent		
Not Used	**ITD12**	**352**	**Description**	**O**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
	ITD13	**765**	**Day of Month**	**C**	**N0 1/2**
			The numeric value of the day of the month between 1 and the maximum day of the month being referenced		
			Not used as specified but can be sent as free form vendor comments.		
	ITD14	**107**	**Payment Method Code**	**O**	**ID 1/1**
			Code identifying type of payment procedures		
			Not used as specified but can be sent as free form vendor comments.		
			Refer to 003010 Data Element Dictionary for acceptable code values.		

			Segment:	**DTM** Date/Time Reference

Segment: **DTM** Date/Time Reference

Position: 150

Loop:

Level: Heading

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 or DTM03 is required.

Semantic Notes:

Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3

Code specifying type of date or time, or both date and time

If entered by vendor, will be sent to sites as free form vendor comments.

	001	Cancel After	
	036	Expiration	
		Date coverage expires	
	075	Promised for Delivery (Prior to and Including)	

	Ref. Des.	Data Element	Name	Attributes
	DTM02	373	Date	C DT 6/6

Date (YYMMDD)

Not used as specified but can be sent as free form vendor comments.

Not Used	DTM03	337	Time	C TM 4/4

Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

Not Used	DTM04	623	Time Code	O ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Refer to 003010 Data Element Dictionary for acceptable code values.

				Segment:	**LDT** Lead Time

Segment: **LDT** Lead Time
Position: 160
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes:
Comments: 1 LDT04 is the effective date of lead time information.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	LDT01	345	**Lead Time Code**	**M**	**ID 2/2**
			Code indicating the time range		
			Not used as specified but can be sent as free form vendor comments.		
			AF From date of PO receipt to delivery		
Must Use	LDT02	380	**Quantity**	**M**	**R 1/10**
			Numeric value of quantity		
			Not used as specified but can be sent as free form vendor comments.		
Must Use	LDT03	344	**Unit of Time Period or Interval**	**M**	**ID 2/2**
			Code indicating the time period or interval		
			Not used as specified but can be sent as free form vendor comments.		
			DA Calendar Days		
Not Used	LDT04	373	**Date**	**O**	**DT 6/6**
			Date (YYMMDD)		

Segment:	**PWK** Paperwork				

Segment:	**PWK** Paperwork
Position:	210
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	25
Purpose:	To specify the type and transmission of paperwork relating to a product, order or report.
Syntax Notes:	1 If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:	
Comments:	1 PWK05 and PWK06 may be used to identify the addressee by a code number.
	2 PWK07 may be used to indicate special information to be shown on the specified report.
	3 PWK08 may be used to indicate action pertaining to a report.
Notes:	*PWK04 is required by SACONS if total value of quote exceeds $10,000.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	PWK01	755	**Report Type Code**	M	ID 2/2

Code indicating the title and/or contents of a document or report.

Not used as specified but can be sent as free form vendor comments.

	FD		Federal Specification Compliance

	Ref. Des.	Data Element	Name		Attributes
Must Use	PWK02	756	**Report Transmission Code**	M	ID 2/2

Code defining timing, transmission method or format by which reports are to be sent

Not used as specified but can be sent as free form vendor comments.

	EL		Electronically Only

	Ref. Des.	Data Element	Name		Attributes
Not Used	PWK03	757	**Report Copies Needed**	O	N0 1/2

The number of copies of a report that should be sent to the addressee

	Ref. Des.	Data Element	Name		Attributes
	PWK04	98	**Entity Identifier Code**	O	ID 2/2

Code identifying an organizational entity or a physical location.

Required if total value of quote exceeds $10,000 in accordance with the Walsh-Healy Act..

	DL		Dealer
	DS		Distributor
	MF		Manufacturer of Goods

	Ref. Des.	Data Element	Name		Attributes
Not Used	PWK05	66	**Identification Code Qualifier**	C	ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

Refer to 003010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name		Attributes
Not Used	PWK06	67	**Identification Code**	C	ID 2/17

Code identifying a party.

| | **PWK07** | **352** | **Description** | **O** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

Not used as specified but can be sent as free form vendor comments.

| **Not Used** | **PWK08** | **704** | **Paperwork/Report Action Code** | **O** | **ID 1/2** |

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Refer to 003010 Data Element Dictionary for acceptable code values.

| | Segment: | **PKG** Marking, Packaging, Loading |

Segment: **PKG** Marking, Packaging, Loading

Position: 220
Loop:
Level: Heading
Usage: Optional
Max Use: 25
Purpose: To describe marking, packaging, loading, and unloading requirements
Syntax Notes: 1 If PKG04 is present, then PKG03 is required.
2 At least one of PKG04 or PKG05 is required.

Semantic Notes:
Comments: 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
2 PKG01 relates only to PKG04 and PKG05.
3 Use PKG03 to indicate the organization that publishes the code list being referred to.
4 PKG04 should be used for industry-specific packaging description codes.
5 Special marking or tagging data can be given in PKG05 (description).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PKG01	349	**Item Description Type**	**M ID 1/1**

Code indicating the format of a description

Not used as specified but can be sent as free form vendor comments.

| | F | | Free-form |
| | S | | Structured (From Industry Code List) |

| | PKG02 | 753 | **Packaging Characteristic Code** | **O ID 1/5** |

Code specifying the marking, packaging, loading and related characteristics being described

Not used as specified but can be sent as free form vendor comments.

Refer to 003010 Data Element Dictionary for acceptable code values.

| | PKG03 | 559 | **Agency Qualifier Code** | **C ID 2/2** |

Code identifying the agency assigning the code values

Not used as specified but can be sent as free form vendor comments.

| | DD | | Department of Defense |
| | | | Responsible for Military Specification |

| | PKG04 | 754 | **Packaging Description Code** | **C ID 1/7** |

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product

Not used as specified but can be sent as free form vendor comments.

| | PKG05 | 352 | **Description** | **C AN 1/80** |

A free-form description to clarify the related data elements and their content

Not used as specified but can be sent as free form vendor comments.

Segment:	# N1 Name

Position:	310
Loop:	N1 Mandatory
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
Notes:	*Vendor address is required.*
	Not mandatory per X12. Required by SACONS.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N101	98	**Entity Identifier Code**	M	**ID 2/2**
			Code identifying an organizational entity or a physical location.		
			AG Agent/Agency		
			SE Selling Party		
			ZZ Mutually Defined		
Must Use	N102	93	**Name**	C	**AN 1/35**
			Free-form name		
Must Use	N103	66	**Identification Code Qualifier**	C	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			33 Commercial and Government Entity (CAGE)		
			ZZ Mutually Defined		
Must Use	N104	67	**Identification Code**	C	**ID 2/17**
			Code identifying a party.		
			Vendor ID (not to exceed 5 character in length due to application limitations) or CAGE codes, as assigned by DLSC (Defense Logistics Services Center).		

| | | | Segment: | **N2** Additional Name Information |

Segment:	**N2** Additional Name Information
Position:	320
Loop:	N1 Mandatory
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify additional names or those longer than 35 characters in length
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*Required, if applicable.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**N201**	**93**	**Name**	**M**	**AN 1/35**
			Free-form name		
			Address line		
	N202	**93**	**Name**	**O**	**AN 1/35**
			Free-form name		
			Address line		

Segment: # N3 Address Information

Position:	330
Loop:	N1 Mandatory
Level:	Heading
Usage:	Mandatory
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*Not mandatory per X12. Required by SACONS.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N301	166	**Address Information**	M AN 1/35
			Address information	
			Address line	
Must Use	N302	166	**Address Information**	O AN 1/35
			Address information	
			Required if applicable.	

Segment:	**N4** Geographic Location	
Position:	340	
Loop:	N1 Mandatory	
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify the geographic place of the named party	
Syntax Notes:	1	At least one of N401 or N405 is required.
	2	If N401 is present, then N402 is required.
	3	If either N405 or N406 is present, then the other is required.
Semantic Notes:		
Comments:	1	A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2	N402 is required only if city name (N401) is in the USA or Canada.
Notes:	*Not mandatory per X12. Required by SACONS.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N401	19	**City Name**	C	AN 2/19
			Free-form text for city name		
			City		
Must Use	N402	156	**State or Province Code**	C	ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency		
			State		
Must Use	N403	116	**Postal Code**	O	ID 4/9
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
			Postal Code		
Must Use	N404	26	**Country Code**	O	ID 2/2
			Code identifying the country		
Not Used	N405	309	**Location Qualifier**	C	ID 1/2
			Code identifying type of location		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	N406	310	**Location Identifier**	C	AN 1/25
			Code which identifies a specific location		

Segment:	**PER** Administrative Communications Contact				

Segment: **PER** Administrative Communications Contact

Position:	360
Loop:	N1 Mandatory
Level:	Heading
Usage:	Mandatory
Max Use:	3
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	1 If PER03 is present, then PER04 is required.
Semantic Notes:	
Comments:	
Notes:	*The PER segment is not mandatory per X12, but is required by SACONS.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	PER01	366	Contact Function Code	M	ID 2/2

Code identifying the major duty or responsibility of the person or group named

     SU   Supplier Contact

Must Use	PER02	93	Name	O	AN 1/35

Free-form name

POC name is required by SACONS. PER02 cannot exceed 20 characters in length due to application limitations.

Must Use	PER03	365	Communication Number Qualifier	O	ID 2/2

Code identifying the type of communication number

     EM   Electronic Mail

           If provided, will appear as vendor comments.

     FX   Facsimile

     TE   Telephone

Must Use	PER04	364	Communication Number	C	AN 7/21

Complete communications number including country or area code when applicable

POC phone number is required by SACONS. PER04 cannot exceed 20 characters in length due to application limitations.

Segment:	**PO1** Purchase Order Baseline Item Data
Position:	010
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic and most frequently used purchase order line item data
Syntax Notes:	1 If PO105 is present, then PO104 is required.
	2 If PO106 is present, then PO107 is required.
	3 If PO108 is present, then PO109 is required.
	4 If PO110 is present, then PO111 is required.
	5 If PO112 is present, then PO113 is required.
	6 If PO114 is present, then PO115 is required.
	7 If PO116 is present, then PO117 is required.
	8 If PO118 is present, then PO119 is required.
	9 If PO120 is present, then PO121 is required.
	10 If PO122 is present, then PO123 is required.
	11 If PO124 is present, then PO125 is required.
Semantic Notes:	
Comments:	1 See the Data Dictionary for a complete list of ID's.
	2 PO101 is the line item identification.
	3 PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PO101	350	**Assigned Identification**	O	AN 1/6
			Alphanumeric characters assigned for differentiation within a transaction set		
			Line item number		
Must Use	PO102	330	**Quantity Ordered**	M	R 1/9
			Quantity ordered		
			Line item quantity		
Must Use	PO103	355	**Unit or Basis for Measurement Code**	M	ID 2/2
			Code identifying the basic unit of measurement.		
			Unit of measure		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
	PO104	212	**Unit Price**	C	R 1/14
			Price per unit of product, service, commodity, etc.		
			Unit price/bid price		
Not Used	PO105	639	**Basis of Unit Price Code**	O	ID 2/2

Code identifying the type of unit price for an item

Refer to 003010 Data Element Dictionary for acceptable code values.

PO106	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

PO107	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

PO108	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

PO109	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

PO110	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

PO111	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

PO112	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

PO113	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

PO114	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

PO115	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

PO116	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

PO117	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

PO118	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

PO119	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

PO120	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

PO121	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

PO122	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

PO123	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

PO124	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

PO125	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

Segment:	**PO3** Additional Item Detail			

Position: 030
Loop: PO1   Optional
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To specify additional item-related data involving variations in normal price/quantity structure
Syntax Notes: 1   If PO304 is present, then at least one of PO303 or PO305 is required.
Semantic Notes:
Comments: 1   Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).
             2   PO307 defines the unit of measure for PO306.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PO301	371	**Change Reason Code**	M	ID 2/2
			Code specifying the reason for price or quantity change		
			If entered by vendor, will be sent to sites as free form vendor comments.		
			AQ Alternate Quantity and Unit of Measure		
			PC Pack Difference		
			QT Quantity Price Break		
			UM Unit of Measure Difference		
	PO302	373	**Date**	O	DT 6/6
			Date (YYMMDD)		
			Sent to site as vendor comments - free form.		
	PO303	236	**Price Qualifier**	C	ID 3/3
			Code identifying pricing specification		
			Sent to site as vendor comments - free form.		
			PBQ Unit Price Beginning Quantity		
	PO304	212	**Unit Price**	O	R 1/14
			Price per unit of product, service, commodity, etc.		
			Sent to site as vendor comments - free form.		
	PO305	639	**Basis of Unit Price Code**	C	ID 2/2
			Code identifying the type of unit price for an item		
			Sent to site as vendor comments - free form.		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Must Use	PO306	380	**Quantity**	M	R 1/10
			Numeric value of quantity		
			If entered by vendor, will be sent to sites as free form vendor comments.		

Must Use   **PO307**   **355**   **Unit or Basis for Measurement Code**   **M   ID 2/2**

Code identifying the basic unit of measurement.

If entered by vendor, will be sent to sites as free form vendor comments.

Refer to 003010 Data Element Dictionary for acceptable code values.

         PO308   **352**   **Description**   **O   AN 1/80**

A free-form description to clarify the related data elements and their content

Sent to site as vendor comments - free form.

Segment:	**PID** Product/Item Description
Position:	050
Loop:	PID Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe a product or process in coded or free-form format

Syntax Notes:	1	If PID04 is present, then PID03 is required.
	2	At least one of PID04 or PID05 is required.

Semantic Notes:

Comments:	1	When PID01 is "F", PID04 is not used.
	2	Use PID03 to indicate the organization that publishes the code list being referred to.
	3	PID04 should be used for industry-specific product description codes.
	4	Use PID06 when necessary to refer to the product surface or layer being described in the segment.

<div align="center">

Data Element Summary

</div>

	Ref. Des.	Data Element	Name		Attributes
Must Use	PID01	349	**Item Description Type**	M	**ID 1/1**
			Code indicating the format of a description		
			If entered by vendor, will be sent to sites as free form vendor comments.		
			F Free-form		
Not Used	PID02	750	**Product/Process Characteristic Code**	O	**ID 2/3**
			Code specifying the product or process characteristic being described.		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	PID03	559	**Agency Qualifier Code**	C	**ID 2/2**
			Code identifying the agency assigning the code values		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	PID04	751	**Product Description Code**	C	**ID 1/12**
			A code from an industry code list which provides specific data about a product characteristic		
	PID05	352	**Description**	C	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			If entered by vendor, will be sent to sites as free form vendor comments.		
Not Used	PID06	752	**Surface/Layer/Position Code**	O	**ID 2/2**
			Code indicating the product surface, layer or position that is being described		
			Refer to 003010 Data Element Dictionary for acceptable code values.		

	Segment:	**MEA** Measurements

Position: 060
Loop: PID   Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify physical measurements, including dimension tolerances, weights and counts.

Syntax Notes:
1. At least one of MEA03 MEA05 MEA06 or MEA08 is required.
2. If MEA03 is present, then MEA04 is required.
3. If MEA05 is present, then MEA04 is required.
4. If MEA06 is present, then MEA04 is required.
5. If MEA07 is present, then MEA03 is required.
6. Only one of MEA08 or MEA03 may be present.

Semantic Notes:
Comments:
1. When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
	MEA01	737	Measurement Reference ID Code	O	ID 2/2

Code specifying the application of physical measurement cited.

Sent to site as vendor comments - free form.

Refer to 003010 Data Element Dictionary for acceptable code values.

	MEA02	738	Measurement Qualifier	O	ID 1/3

Code identifying the type of measurement.

Sent to site as vendor comments - free form.

Refer to 003010 Data Element Dictionary for acceptable code values.

	MEA03	739	Measurement Value	C	R 1/10

The value of the measurement

Sent to site as vendor comments - free form.

	MEA04	355	Unit or Basis for Measurement Code	C	ID 2/2

Code identifying the basic unit of measurement.

Sent to site as vendor comments - free form.

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	MEA05	740	Range Minimum	C	R 1/10

The value specifying the minimum of the measurement range

Not Used	MEA06	741	Range Maximum	C	R 1/10

The value specifying the maximum of the measurement range

Not Used	MEA07	935	Measurement Significance Code	O	ID 2/2

Code used to benchmark, qualify or further define a measurement value

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	**MEA08**	**936**	**Measurement Attribute Code**	**C**	**ID 2/2**

Code used to express an attribute response when a numeric measurement value cannot be determined

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	**MEA09**	**752**	**Surface/Layer/Position Code**	**O**	**ID 2/2**

Code indicating the product surface, layer or position that is being described

Refer to 003010 Data Element Dictionary for acceptable code values.

Segment:	**PO4** Item Physical Details
Position:	090
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:	1 If PO402 is present, then PO403 is required.
	2 If PO405 is present, then at least one of PO406 or PO407 is required.
	3 If PO408 is present, then PO409 is required.
	4 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
Semantic Notes:	
Comments:	1 PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.
	2 PO410 defines the unit of measure for PO408, PO409, and PO410.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
PO401	**356**	**Pack**	**O**	**N0 1/6**
		Number of inner pack units per outer pack unit		
		Sent to site as vendor comments - free form.		
PO402	**357**	**Size**	**O**	**R 1/8**
		Size of supplier units in pack		
		Sent to site as vendor comments - free form.		
PO403	**355**	**Unit or Basis for Measurement Code**	**C**	**ID 2/2**
		Code identifying the basic unit of measurement.		
		Sent to site as vendor comments - free form.		
		Refer to 003010 Data Element Dictionary for acceptable code values.		
PO404	**103**	**Packaging Code**	**O**	**ID 5/5**
		Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material		
		Sent to site as vendor comments - free form.		
		Refer to 003010 Data Element Dictionary for acceptable code values.		
PO405	**187**	**Weight Qualifier**	**O**	**ID 1/2**
		Code defining the type of weight		
		Sent to site as vendor comments - free form.		
		Refer to 003010 Data Element Dictionary for acceptable code values.		

| **PO406** | **384** | **Gross Weight per Pack** | **C** | **R 1/9** |

Numeric value of gross weight per pack

Sent to site as vendor comments - free form.

| **PO407** | **355** | **Unit or Basis for Measurement Code** | **C** | **ID 2/2** |

Code identifying the basic unit of measurement.

Sent to site as vendor comments - free form.

Refer to 003010 Data Element Dictionary for acceptable code values.

| **PO408** | **385** | **Gross Volume per Pack** | **O** | **R 1/9** |

Numeric value of gross volume per pack

Sent to site as vendor comments - free form.

| **PO409** | **355** | **Unit or Basis for Measurement Code** | **C** | **ID 2/2** |

Code identifying the basic unit of measurement.

Sent to site as vendor comments - free form.

Refer to 003010 Data Element Dictionary for acceptable code values.

| **PO410** | **82** | **Length** | **C** | **R 1/8** |

Largest horizontal dimension of an object measured when the object is in the upright position

Sent to site as vendor comments - free form.

| **PO411** | **189** | **Width** | **C** | **R 1/8** |

Shorter measurement of the two horizontal dimensions measured with the object in the upright position

Sent to site as vendor comments - free form.

| **PO412** | **65** | **Height** | **C** | **R 1/8** |

Vertical dimension of an object measured when the object is in the upright position

Sent to site as vendor comments - free form.

| **PO413** | **355** | **Unit or Basis for Measurement Code** | **O** | **ID 2/2** |

Code identifying the basic unit of measurement.

Sent to site as vendor comments - free form.

Refer to 003010 Data Element Dictionary for acceptable code values.

Segment:	**REF** Reference Numbers
Position:	100
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	*REF Segment is sent to site as vendor comments - free form*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**REF01**	**128**	**Reference Number Qualifier**	**M ID 2/2**

Code qualifying the Reference Number.

If entered by vendor, will be sent to sites as free form vendor comments.

	CR	Customer Reference Number
	CT	Contract Number

	REF02	**127**	**Reference Number**	**C AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

If entered by vendor, will be sent to sites as free form vendor comments.

	REF03	**352**	**Description**	**C AN 1/80**

A free-form description to clarify the related data elements and their content

If entered by vendor, will be sent to sites as free form vendor comments.

	Segment:	**FOB** F.O.B. Related Instructions
	Position:	180
	Loop:	PO1 Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To specify transportation instructions relating to shipment

Syntax Notes:		
	1	If FOB03 is present, then FOB02 is required.
	2	If FOB04 is present, then FOB05 is required.
	3	If FOB07 is present, then FOB06 is required.
	4	If FOB08 is present, then FOB09 is required.

Semantic Notes:

Comments:		
	1	FOB01 indicates which party will pay the carrier.
	2	FOB02 is the code specifying transportation responsibility location.
	3	FOB06 is the code specifying title passage location.
	4	FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	FOB01	146	**Shipment Method of Payment**	**M**	**ID 2/2**
			Code identifying payment terms for transportation charges		
			Sent to site as vendor comments - free form.		
			DF Defined by Buyer and Seller		
	FOB02	309	**Location Qualifier**	**C**	**ID 1/2**
			Code identifying type of location		
			Sent to site as vendor comments - free form.		
			OR Origin (Shipping Point)		
			ZZ Mutually Defined		
	FOB03	352	**Description**	**O**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			Sent to site as vendor comments - free form.		
Not Used	FOB04	334	**Transportation Terms Qualifier Code**	**O**	**ID 2/2**
			Code identifying the source of the transportation terms		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	FOB05	335	**Transportation Terms Code**	**C**	**ID 3/3**
			Code identifying the trade terms which apply to the shipment transportation responsibility		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	FOB06	309	**Location Qualifier**	**C**	**ID 1/2**

Code identifying type of location

Refer to 003010 Data Element Dictionary for acceptable code values.

| Not Used | FOB07 | 352 | **Description** | O | AN 1/80 |

A free-form description to clarify the related data elements and their content

| Not Used | FOB08 | 54 | **Risk of Loss Qualifier** | O | ID 2/2 |

Code specifying where responsibility for risk of loss passes

Refer to 003010 Data Element Dictionary for acceptable code values.

| Not Used | FOB09 | 352 | **Description** | C | AN 1/80 |

A free-form description to clarify the related data elements and their content

Segment: # DTM Date/Time Reference

Position:	200
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 or DTM03 is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM01	374	Date/Time Qualifier	M	ID 3/3

Code specifying type of date or time, or both date and time

If entered by vendor, will be sent to sites as free form vendor comments.

      036   Expiration

                 Date coverage expires

Sent in vendor comments as expiration date of Federal Supply Schedule.

      075   Promised for Delivery (Prior to and Including)

	Ref. Des.	Data Element	Name		Attributes
	DTM02	373	Date	C	DT 6/6

Date (YYMMDD)

If entered by vendor, will be sent to sites as free form vendor comments.

	Ref. Des.	Data Element	Name		Attributes
Not Used	DTM03	337	Time	C	TM 4/4

Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

	Ref. Des.	Data Element	Name		Attributes
Not Used	DTM04	623	Time Code	O	ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Refer to 003010 Data Element Dictionary for acceptable code values.

				Segment:	**SCH** Line Item Schedule

Segment: **SCH** Line Item Schedule
Position: 220
Loop: PO1 Optional
Level: Detail
Usage: Optional
Max Use: 104
Purpose: To specify the data for scheduling a specific line-item
Syntax Notes: 1 If SCH03 is present, then SCH04 is required.
2 If SCH09 is present, then SCH08 is required.
Semantic Notes:
Comments: 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	SCH01	380	**Quantity**	M	R 1/10

Numeric value of quantity

If used by vendor, will be sent to site as vendor comments.

Must Use	SCH02	355	**Unit or Basis for Measurement Code**	M	ID 2/2

Code identifying the basic unit of measurement.

If used by vendor, will be sent to site as vendor comments.

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	SCH03	98	**Entity Identifier Code**	O	ID 2/2

Code identifying an organizational entity or a physical location.

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	SCH04	93	**Name**	C	AN 1/35

Free-form name

Must Use	SCH05	374	**Date/Time Qualifier**	M	ID 3/3

Code specifying type of date or time, or both date and time

If used by vendor, will be sent to site as vendor comments.

Refer to 003010 Data Element Dictionary for acceptable code values.

Must Use	SCH06	373	**Date**	M	DT 6/6

Date (YYMMDD)

If used by vendor, will be sent to site as vendor comments.

Not Used	SCH07	337	**Time**	O	TM 4/4

Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

Not Used	SCH08	374	**Date/Time Qualifier**	C	ID 3/3

Code specifying type of date or time, or both date and time

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	SCH09	373	**Date**	O	DT 6/6

Date (YYMMDD)

Not Used   **SCH10**   **337**   **Time**   **O**   **TM 4/4**

Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

Segment:	**CTT** Transaction Totals
Position:	010
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To transmit a hash total for a specific element in the transaction set
Syntax Notes:	1 If CTT03 is present, then CTT04 is required.
	2 If CTT05 is present, then CTT06 is required.
Semantic Notes:	
Comments:	1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	CTT01	354	**Number of Line Items**	M	N0 1/6
			Total number of line items in the transaction set		
	CTT02	347	**Hash Total**	O	R 1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.		
			Example:		
			-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.		
Not Used	CTT03	81	**Weight**	O	R 1/8
			Numeric value of weight		
Not Used	CTT04	355	**Unit or Basis for Measurement Code**	C	ID 2/2
			Code identifying the basic unit of measurement.		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	CTT05	183	**Volume**	O	R 1/8
			Value of volumetric measure		
Not Used	CTT06	355	**Unit or Basis for Measurement Code**	C	ID 2/2
			Code identifying the basic unit of measurement.		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	CTT07	352	**Description**	O	AN 1/80
			A free-form description to clarify the related data elements and their content		

Segment:		$\text{\Large AMT}$ Monetary Amount			
Position:	015				
Loop:					
Level:	Summary				
Usage:	Optional				
Max Use:	1				
Purpose:	To indicate the total monetary amount				
Syntax Notes:					
Semantic Notes:					
Comments:	1	If segment AMT is used in Table 2 of the 850, 855, 860 or 865 transaction sets, then AMT01 = 01. If it is used in Table 3 of those transaction sets, then AMT01 = TT.			
Notes:	*This segment is read by gateway but not processed and sent to sites.*				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	AMT01	522	**Amount Qualifier Code**	M	ID 1/2
			Code to qualify amount		
			TT Total Transaction Amount		
Must Use	AMT02	782	**Monetary Amount**	M	R 1/15
			Monetary amount		

		Segment:	**SE** **Transaction Set Trailer**

Segment: **SE** **Transaction Set Trailer**

Position: 020

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Syntax Notes:

Semantic Notes:

Comments: **1** SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	M N0 1/6
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number assigned by the originator for a transaction set.	